

JCO4R PCT/PTO 17 NOV 2005  
PATENT



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor: Stratton et al. Group No.: TBA  
S/N: 10/521,526 Examiner: TBA  
Filed: January 14, 2005 Atty. Dkt.: M02B123  
For: THERMAL TREATMENT METHOD

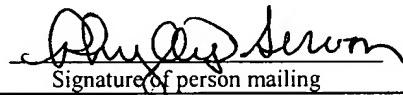
Mail Stop: MISSING PARTS

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, PO Box 1450 Alexandria, VA 22313-1450, on 11/3/05.  
2005.

Phyllis Serton  
Printed name of person signing this certificate

  
Signature of person mailing

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) date mailed July 25, 2005, applicants hereby submit the following:

- 1) an oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b);
- 2) a \$130 surcharge for providing the oath or declaration later than 30 months from the priority date; and
- 3) Power of Attorney executed by each of the two inventors. (1 page each.)

Respectfully submitted,

By: Bernard Lau  
Bernard Lau  
Reg. No. 38,218  
Attorney for Applicants  
Tel: (908) 771-1320  
Fax: (908) 771-6159

11/14/2005 GFREY1 00000063 022865 10521526  
01 FC:1617 130.00 DA

Date: Nov. 3, 2005  
The BOC Group Inc.  
Legal Services – IP Dept.  
575 Mountain Ave.  
Murray Hill, NJ 07974



PTO/SB/22 (12-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a)

FY 2005

(Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).)

Application Number 10/521,526

Docket Number (Optional)

M02B123

For THERMAL TREATMENT METHOD

Art Unit TBA

Examiner TBA

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above identified application.

The requested extension and fee are as follows (check time period desired and enter the appropriate fee below):

|   | Fee    | Small Entity Fee |            |
|---|--------|------------------|------------|
| <input type="checkbox"/> One month (37 CFR 1.17(a)(1))              | \$120  | \$60             | \$ _____   |
| <input type="checkbox"/> Two months (37 CFR 1.17(a)(2))             | \$450  | \$225            | \$ _____   |
| <input type="checkbox"/> Three months (37 CFR 1.17(a)(3))           | \$1020 | \$510            | \$ _____   |
| <input checked="" type="checkbox"/> Four months (37 CFR 1.17(a)(4)) | \$1590 | \$795            | \$ 1590.00 |
| <input type="checkbox"/> Five months (37 CFR 1.17(a)(5))            | \$2160 | \$1080           | \$ _____   |

- Applicant claims small entity status. See 37 CFR 1.27.
- A check in the amount of the fee is enclosed.
- Payment by credit card. Form PTO-2038 is attached.
- The Director has already been authorized to charge fees in this application to a Deposit Account.
- The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number 02-2865. I have enclosed a duplicate copy of this sheet.

**WARNING: Information on this form may become public. Credit card information should not be included on this form.**  
Provide credit card information and authorization on PTO-2038.

I am the  applicant/inventor.

01/30/2006 KMCLEAN1 00000001 022865

10521526

B1 FC:1252 450.00 DA

 assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed (Form PTO/SB/96). attorney or agent of record. Registration Number 38,218 attorney or agent under 37 CFR 1.34.  
Registration number if acting under 37 CFR 1.34 \_\_\_\_\_

Bernard Lau  
Signature

Nov 3, 2005  
Date

Bernard Lau

(908) 771-1320

Typed or printed name

Adjustment Telephone Number 1171472005 B1FCREY1 1590.00 CR

10521526

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total 1 forms are submitted.

This collection of information is required by 37 CFR 1.136(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

10/14/2005 B1FCREY1 00000003 10521526



PTO/SB/21 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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## TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

|  |                        |                  |
|--|------------------------|------------------|
|  | Application Number     | 10/521,526       |
|  | Filing Date            | January 14, 2005 |
|  | First Named Inventor   | Stratton et al.  |
|  | Art Unit               | TBA              |
|  | Examiner Name          | TBA              |
| Total Number of Pages in This Submission | Attorney Docket Number | M02B123          |

### ENCLOSURES (Check all that apply)

|   |   |   |
|---|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form  | <input type="checkbox"/> Drawing(s)                                       | <input type="checkbox"/> After Allowance Communication to TC                            |
| <input type="checkbox"/> Fee Attached   | <input type="checkbox"/> Licensing-related Papers                         | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences     |
| <input type="checkbox"/> Amendment/Reply  | <input type="checkbox"/> Petition   | <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final  | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information  |
| <input type="checkbox"/> Affidavits/declaration(s)  | <input type="checkbox"/> Power of Attorney, Revocation                    | <input type="checkbox"/> Status Letter  |
| <input checked="" type="checkbox"/> Extension of Time Request   | <input type="checkbox"/> Change of Correspondence Address                 | <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):         |
| <input type="checkbox"/> Express Abandonment Request  | <input type="checkbox"/> Terminal Disclaimer                              | <input type="checkbox"/> Formal Letter of Explanation                                   |
| <input type="checkbox"/> Information Disclosure Statement   | <input type="checkbox"/> Request for Refund                               |   |
| <input type="checkbox"/> Certified Copy of Priority Document(s)   | <input type="checkbox"/> CD, Number of CD(s) _____                        |   |
| <input checked="" type="checkbox"/> Reply to Missing Parts/ Incomplete Application  | <input type="checkbox"/> Landscape Table on CD                            |   |
| <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53   |   |   |
| Remarks   |   |   |
| Enclosed: Formal Letter of Explanation; PTO/SB/17; PTO/SB/22; Copy of PTC/DO/EO/905 (371 Formalities Notice); Return receipt postcard |   |   |

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

|              |                     |          |        |
|--------------|---------------------|----------|--------|
| Firm Name    | The BOC Group, Inc. |          |        |
| Signature    |                     |          |        |
| Printed name | Bernard Lau         |          |        |
| Date         | NOV. 3, 2005        | Reg. No. | 38,218 |

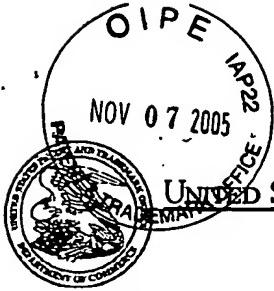
### CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

|                       |                |      |         |
|-----------------------|----------------|------|---------|
| Signature             |                |      |         |
| Typed or printed name | Phyllis Servon | Date | 11/3/05 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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UNITED STATES PATENT AND TRADEMARK OFFICE

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Page 1 of 2

JUL 27 2005

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[www.uspto.gov](http://www.uspto.gov)

|                               |                       |                  |
|-------------------------------|-----------------------|------------------|
| U.S. APPLICATION NUMBER NO.   | FIRST NAMED APPLICANT | ATTY. DOCKET NO. |
| 10/521,526                    | Paul Stratton         | M02B123          |
| INTERNATIONAL APPLICATION NO. |                       |                  |
| PCT/GB03/03077                |                       |                  |
| IA. FILING DATE               | PRIORITY DATE         |                  |
| 07/14/2003                    | 07/16/2002            |                  |
| CONFIRMATION NO. 2103         |                       |                  |
| 371 FORMALITIES LETTER        |                       |                  |
|                               |                       |                  |
| *OC00000016355402*            |                       |                  |

Date Mailed: 07/25/2005

**NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)**

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 01/14/2005
- Copy of the International Search Report filed on 01/14/2005
- Copy of IPE Report filed on 01/14/2005
- Preliminary Amendments filed on 01/14/2005
- Information Disclosure Statements filed on 01/14/2005
- U.S. Basic National Fees filed on 01/14/2005
- Priority Documents filed on 01/14/2005
- Specification filed on 01/14/2005
- Claims filed on 01/14/2005
- Abstracts filed on 01/14/2005
- Drawings filed on 01/14/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- \$130 Surcharge for providing the oath or declaration later than 30 months from the priority date (37 CFR 1.492(e)) is required.

**SUMMARY OF FEES DUE:**

Total additional fees required for this application is \$130 for a Large Entity:

- \$130 Late oath or declaration Surcharge.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

KAREN R MCLEAN

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Telephone: (703) 308-9140 EXT 214

**PART 1 - ATTORNEY/APPLICANT COPY**

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| U.S. APPLICATION NUMBER NO. | INTERNATIONAL APPLICATION NO. | ATTY. DOCKET NO. |
|-----------------------------|-------------------------------|------------------|
| 10/521,526                  | PCT/GB03/03077                | M02B123          |

FORM PCT/DO/EO/905 (371 Formalities Notice)